Revised September 23, 2002

MAINTENANCE SCHEDULE

	NORMAL	SPECIAL
5,000 miles		G
15,000 miles	A	H
30,000 miles	A B	I J
45,000 miles	A C	
60,000 miles	A B D	K L
75,000 miles	A C	
90,000 miles	A B	
100,000 miles	E F	

Change engine oil/replace filter every 3,000*/5,000 miles; rotate tires every 7,500 miles or sooner

Normal operating conditions

A. Inspect: Engine cooling system, hoses and clamps, automatic transmission fluid level, steering linkage, suspension, brake system
Inspect/lubricate: 4x2 ball joints

B. Replace: Air filter/fuel filter

C. Change: Green engine coolant

D. Lubricate: 4x2 wheel bearings
Replace: Manual transmission fluid

E. Inspect: Accessory drive belt(s)
Replace: Spark plugs
Replace: PCV valve (2.3L/3.0L/4.0L)

Special operating conditions
Towing, extensive idling, low speed driving, dusty conditions and off-road operation, see Owner's Manual

F. Change: Yellow engine coolant

G. Inspect: Brake system

H. Replace: Fuel filter

I. Change: Automatic transmission fluid

J. Lubricate: Front wheel bearings (4x2)

K. Change: Transfer case fluid (4x4)

L. Replace: Spark plugs

Perform maintenance as required
Inspect/lubricate: U-joints
Replace: Engine air filter
Change: Manual transmission fluid

*Special operating conditions

This Quick Tips® guide is provided by Mazda North American Operations to make your Mazda ownership experience more convenient. It is not intended to replace your Owner's Manual.

If you have any questions about your vehicle, you are invited to contact your local dealer. Or if you need additional help, feel free to call our

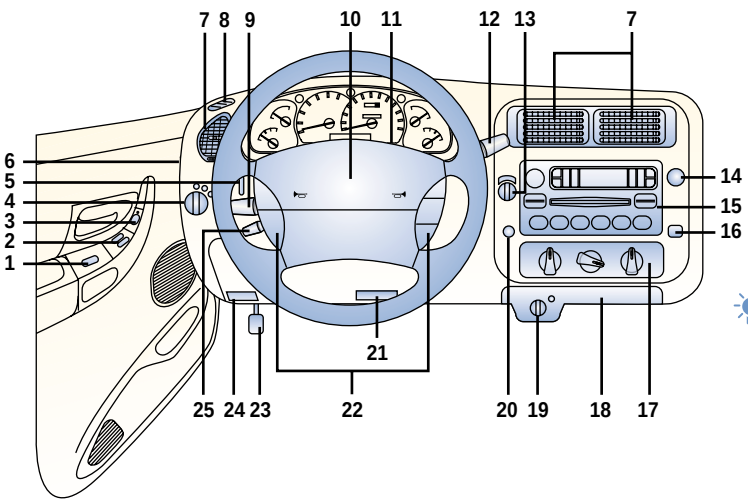
Customer Assistance Center at 1-800-222-5500
Monday through Friday,
9 a.m.- 4 :45 p.m., Pacific
9 a.m.-5:45 p.m., Eastern/Central

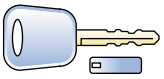
mazda®

©2002 Calcar, Quick Tips® is a trademark of Calcar, made in USA 8/02 20.21M GL
Mazda North American Operations reserves the right to change product specifications at any time without incurring obligations.

Revised September 23, 2002

DRIVER'S VIEW





Key/number plate
Operates ignition and all locks

SecuriLock™ passive anti-theft key
Electronically coded key activates ignition; without correct key, engine will not start

Tip: Use key number plate to purchase new key; store in safe place

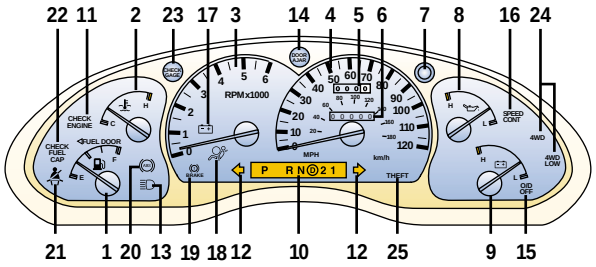
Keyless remote entry system*,
see Switches

*Denotes optional equipment

1. **Power door locks*,** see Switches
2. **Power window switches*,** see Switches
3. **Dual power mirrors*,** see Switches
4. **Lighting switch**
   Tail, parking and dashboard lights on: Rotate knob to first notch
   Tail, parking, dashboard and headlights on: Rotate knob to second notch
5. **Instrument panel lighting**
   To brighten/dim: Rotate thumb-wheel up/down
6. **Fuse panel**
7. **Air vents**
   To open/close: Move thumb-wheel left/right
   To direct air flow: Move tab in center of vent
8. **Side window defroster**
9. **Turn signals/headlight high beams/wiper/washer lever,** see Driver Controls
10. **Horn/Air bag**
    To beep: Press
11. **Hazard warning switch**
    Press on/off
12. **Gearshift lever (A/T)*,** see Transmission
13. **4x4 control*,** see Transmission
14. **Power point electrical outlet**
    Use for optional electrical accessories, do not use cigarette lighter for accessories
15. **Audio system,** see Audio Systems
16. **Fog light switch***
    Press on/off; on with low-beams/parking lights only
17. **Climate control panel,** see Climate Control
18. **Ashtray**
    To open/close: Pull out/push in
19. **Passenger's front air bag deactivation switch/light,** see Seats/Console
20. **Cigarette lighter**
21. **Hood release handle**
    Pull to open partially
22. **Cruise control*,** see Switches
23. **Parking brake pedal**
24. **Parking brake release lever**
25. **Tilt steering-wheel lever***
    To change position: Pull lever, tilt wheel up or down, release to lock

Always check the Owner's Manual for more operating information and safety features

INSTRUMENT CLUSTER

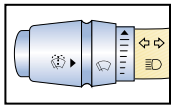


GAUGES

1. **Fuel gauge**
   Fuel tank capacity varies by model; see Owner's Manual
2. **Engine coolant temperature gauge**
   If above normal range, stop truck and turn off engine; check coolant level when safe
3. **Tachometer**
4. **Speedometer**
5. **Trip odometer**
6. **Odometer**
7. **Trip odometer reset button** Push to reset
8. **Oil-pressure gauge**
   If outside normal range, stop truck and turn off engine, check oil level
9. **Battery voltage gauge**
   If outside normal range, dealer inspection required
10. **Gearshift indicator* (A/T)**

WARNING LIGHTS

11. CHECK ENGINE **Check engine**
    Dealer inspection required
12. **Turn signals/hazard warning on**
13. **High beams on**
14. DOOR AJAR **Door ajar***
    Door not completely shut
15. O/D OFF **Overdrive off indicator* (A/T)**
    When lit, transmission does not shift into overdrive
16. SPEED CONT **Cruise control on***
17. **Charging system warning light**
    Dealer inspection required
18. **Air bag readiness**
    Air bag malfunction; dealer inspection required
19. BRAKE **Brake system** Parking brake on/low brake fluid
20. ABS **Anti-lock Brake System (ABS)**
    ABS malfunction, normal brakes only, dealer inspection required
21. **Always fasten safety belts**
    Light and chimes
22. CHECK FUEL CAP **Check fuel cap**
    Fuel cap not securely tightened
23. CHECK GAGE **Check gauge**
    Check temperature/oil/fuel gauges
24. 4WD 4WD LOW **4wd high/4wd low*,** see Transmission
25. THEFT **Anti-theft on***

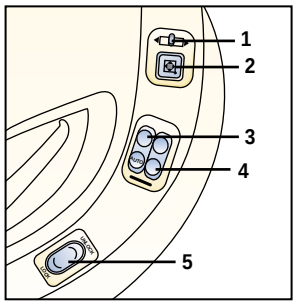


Turn signals/ headlight high beams/ wiper/washer lever

High beams on/off: Push forward to detent/pull back
To flash high beams: Pull rearward and release
To turn on wipers: Rotate knob forward; first 7 detents are progressively faster intervals, 8th detent is low speed, 9th is high
To activate washers: Push in end of knob; will also operate wipers

*Denotes optional equipment

SWITCHES



Dual power mirrors*
To adjust left/right mirror: Press control switch (**1**) left/right, tilt knob (**2**) in direction of desired mirror movement

Tip: To lock mirrors in place, move control switch (1) to center position

Power window switches*
Operate only with ignition in ACC or ON position

Both windows may be controlled from driver's door; passenger door has separate switch

Driver's window (**3**): One touch-down; press and release, window goes all the way down; tap front of switch to stop

Press and hold top of switch to close

Passenger window switch (**4**): Press bottom/top of switch to open/close

Power door locks*

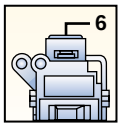
Front door lock switches
To lock/unlock both doors: Press bottom/top on either door switch (**5**)

To lock doors without key, exit the vehicle, press lock on either door, close the door

To unlock: Use key to unlock either front door, open door and press top of switch to unlock other door

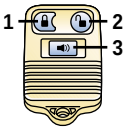
Manual door locks will override power locks

Power door lock disable feature, see Owner's Manual



Fuel pump shutoff
Located in right front trim panel under instrument panel
Disables fuel pump after a substantial jolt or collision
To reset: Press down top of exposed red reset button (**6**)

⚠ WARNING: Do not reset shutoff switch if you see or smell fuel



Keyless remote entry system*
Functions only with ignition in OFF position

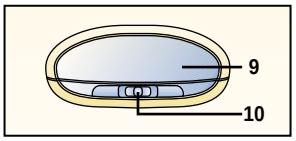
To lock doors: Press 🔒 button (**1**); pressing again within 5 seconds causes doors to relock, horn to beep once if all doors are closed, twice if any door is ajar

To unlock doors: Press 🔓 (**2**) to open driver's door; press again within 5 seconds to open other door

Panic alarm: Press 🔊 (**3**); horn sounds, parking lights flash and interior lights illuminate; press (**3**) again to stop or insert key and turn ignition to ON or ACC position

Cruise control*
Operates above 30 mph
Press and release ON (**4**)
To set speed: Press and release SET ACC (**6**) at desired speed; hold (**6**) to accelerate
To decelerate: Press and hold COAST (**7**), release at desired speed; or tap brake pedal, press and release (**6**) at desired speed
Incremental deceleration: Press and release (**7**), each tap = minus 1 mph
Incremental acceleration: Press and release (**6**), each tap = plus 1 mph
To cancel: Tap brake/clutch pedal or push OFF button (**8**)

Return to preset speed (after braking): Press and release RSM (resume) button (**5**)



Interior lights
9. Interior light
10. Interior light switch
ON = light always on
DOOR = light on when door open
OFF = light always off

Tip: Battery saver shuts off interior lamps after 45 minutes with ignition off

*Denotes optional equipment

SEATS

Seats

1. **Fore/aft adjustment**
   Raise lever and hold, slide seat, release lever
2. **Seatback angle***
   To adjust: Lift and hold lever, lean forward or backward to tilt seat, release lever
3. **Manual lumbar control***
   Rotate clockwise/counter clockwise to increase/decrease firmness

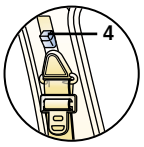
⚠ **WARNINGS: Do not adjust seats while driving**

Safety belts must always be worn when vehicle is in motion

All air bags are supplemental and do not replace safety belt usage

Always wear your safety belt and properly secure children

Shoulder belt height adjustment



To raise belt:
Slide adjuster up
To lower belt:
Push release button (**4**) and slide down

⚠ **WARNING: Make sure adjuster locks in one of its positions**

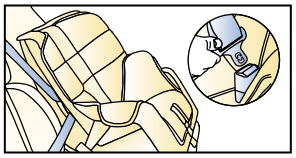
Dual locking mode lap/shoulder belt retractor (passenger only)

Emergency locking mode: Belt locks only on hard braking/ cornering or impacts of about 5 mph or higher

Automatic locking mode: Must be used when installing child-safety seat

To activate: Pull webbing fully out of retractor; belt will only tighten

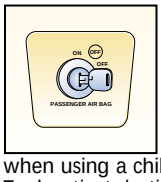
To disengage: Unbuckle belt and allow webbing to retract fully, for complete details see Owner's Manual



Child-safety seat

To install, use dual-locking mode retractor safety belts; see Owner's Manual for proper installation and child seat tether and LATCH system instructions

⚠ **WARNING: Use age appropriate child restraints, see Owner's Manual and state or province laws**



Passenger's front air bag deactivation switch

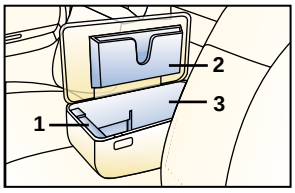
Deactivate passenger's front air bag when using a child-safety seat
To deactivate/activate: Insert ignition key in switch, rotate to OFF/ON, remove key
Amber OFF light illuminates when deactivated and ignition is on

Tip: Turn ignition off when disabling passenger front air bag

⚠ **WARNINGS: When using a rear-facing infant-safety seat always set the passenger seat air bag deactivation switch to OFF position, an infant is in serious danger of being injured or killed if front passenger air bag is deployed**

If you install a front-facing child-seat, put it in the outboard seat and slide it all the way rearward

For Cab-Plus vehicles, do not put child restraints in the center facing jump seats, for complete details see Owner's Manual



Console (Split bench)

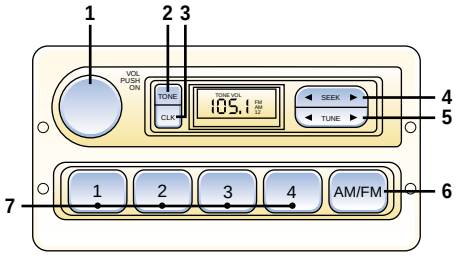
1. **Coin tray**
2. **Map storage**
3. **Storage compartment**

*Denotes optional equipment

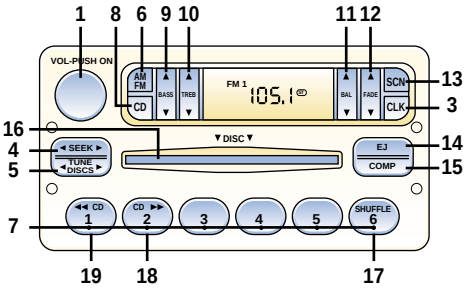
Always check the Owner's Manual for more operating information and safety features

Audio Systems

AM/FM STEREO/COMPACT DISC



AM/FM Stereo



AM/FM/Single Compact Disc Stereo*

(MACH® MP3 Music System* available, see Owner's Manual)

1. **Power/Volume**
   Press to turn on/off; turn clockwise/counterclockwise to increase/decrease volume
2. **Tone**
   Press to select Bass, Treble, or Balance; then rotate (**1**) to adjust
3. **Clock**
   To display: Press
   To set: Press and hold, then press SEEK ◄ / ► (**4**) or TUNE ◄ / ► (**5**) to decrease/increase hours or minutes
4. **Seek**
   Radio: Press and release ◄ / ► for next strong station down/up; press and hold to skip stations
   CD: Press and release ◄ / ► to select previous/next selection
5. **Tune**
   Press ◄ / ► to change frequency down/up
   Press and hold to move down/up quickly
6. **AM/FM**
   Press to select AM/FM1/FM2 frequency bands
7. **Memory preset buttons**
   To set: Tune to station, press and hold until sound returns
8. **CD**
   Press to select CD
9. **Bass**
   Press ▲ / ▼ to increase/decrease
10. **Treble**
    Press ▲ / ▼ to increase/decrease
11. **Balance**
    Press ▲ / ▼ to shift sound between right/left speakers
12. **Fade**
    Press ▲ / ▼ to shift sound between front/rear speakers
13. **Scan**
    Press to briefly sample next listenable selections, press again to cancel; functions in all modes
14. **Eject**
    Press to eject CD; radio resumes playing
15. **Compression adjust**
    Press to bring soft and loud CD passages closer together for more consistent listening levels
16. **CD slot**
17. **Shuffle**
    Press to play CD changer* single disc tracks in random order
18. **CD ►►**
    Press for next track
19. **CD ◄◄**
    Press for previous track

*Denotes optional equipment

Audio Systems

AM/FM STEREO/COMPACT DISC

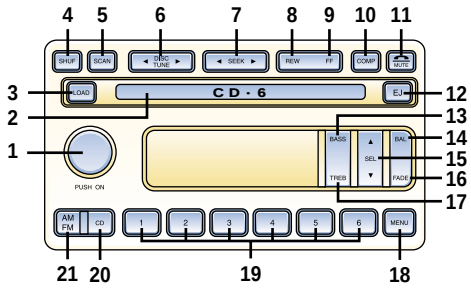
1. Volume Push On
Press to turn on/off; turn clockwise/counterclockwise to increase/decrease volume

2. CD door
To open: Press LOAD (**3**)

Tip: Insert CD only when open

3. Load
Press to open CD door; load up to six discs into player one at a time
Select a specific slot by pressing desired number (**19**)

4. Shuffle
Press to select SHUFFLE DISC which plays random tracks from all available discs; press again to select SHUFFLE TRK which plays tracks on current disc in random order



Premium AM/FM Stereo/In-Dash 6-Compact Disc Changer*

10. Compression
Press to bring soft and loud CD passages together

11. Mute
Press to mute playing media; press again for normal volume

17. Treble
Press, then press SEL (**15**) ▲ / ▼ to increase/decrease

18. MENU
Works with SEL (**15**) to activate RDS or DSP, see Owner's Manual

5. Scan
Radio: Press to briefly sample listenable stations
CD: Press to briefly sample tracks
Press again to stop

6. Disc Tune
Radio: Press ◄ / ► to change frequency down/up
CD: Press ◄ / ► to select previous/next disc
Hold for rapid movement

7. Seek
Radio: Press ◄ / ► for next listenable station down/up
CD: Press ◄ / ► to select previous/next track

8. Rewind
Press and hold to play previous disc tracks

9. Fast Forward
Press and hold to play next disc tracks

12. Eject
Press once to eject current CD
Press and hold to eject all stored discs one at a time
Press once, then press desired number 1-6 (**19**) to eject a specific CD

13. Bass
Press, then press SEL (**15**) ▲ / ▼ to increase/decrease

14. Balance
Press, then press SEL (**15**) ▲ / ▼ to shift sound right/left

15. SEL
Press ▲ / ▼ to increase/decrease selected function; works with (**13**,**14**,**16**,**17**,**18**), see Owner's Manual

16. Fade
Press, then press SEL (**15**) ▲ / ▼ to shift sound to front/rear

To set CLOCK: Press MENU (**18**) until SELECT HOUR/SELECT MINUTE displayed; press SEL (**15**) ▲ / ▼ to increase/decrease

19. Memory preset buttons 1–6
To set: Tune to station, press and hold until sound returns

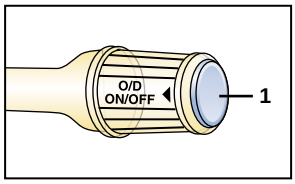
20. CD
Press to select CD mode

21. AM/FM
Press to select radio and alternate among AM/ FM1/ FM2 bands; works with (**19**)

Tip: Press and hold AM/FM (21) to enable/disable the AUTO STORE function which stores the six strongest stations in memory preset buttons (19)

*Denotes optional equipment

TRANSMISSION



Automatic transmission*
Gearshift must be in Park or Neutral to start engine; it must be in Park to remove ignition key

P = Park
To move gearshift from Park: You MUST press firmly on the brake pedal and the ignition must be in the ON position

Never put moving vehicle in Park

Always apply parking brake when exiting the vehicle

R = Reverse
Do not engage Reverse when vehicle is moving forward

N = Neutral
No gear is engaged; vehicle can roll freely, even on a slight incline, unless the brakes are applied

(D) (Overdrive)
For normal driving: Shifts through all forward gears automatically for more relaxed highway driving and optimum fuel economy

Tip: Torque converter lock-up improves fuel economy and can feel like an additional gear

(D) (Overdrive Off)
Press (**1**) to disengage overdrive; an indicator light on the instrument cluster will illuminate

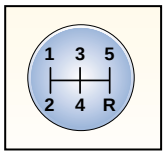
Driving without overdrive provides a lower gear for climbing hills and engine braking when descending hills; you can depress (**1**) at any speed

To re-engage overdrive, press (**1**) again and the instrument cluster light will go out

Tip: A flashing Overdrive Off light indicates a system malfunction; dealer inspection required

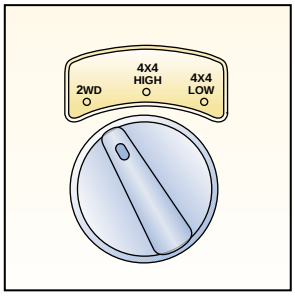
2 = Second
Place the gearshift lever in second when accelerating on slippery roads or to provide additional engine braking on downgrades

1 = Low
Low provides maximum engine braking on steep downgrades



Manual transmission*
Depress clutch pedal completely to start engine and change gears; stop truck completely before shifting into reverse

Tip: Extended use of other than manufacturer's specified tires on a limited-slip rear axle may result in damage, this may not affect normal driving and may not be noticeable by the driver



4-wheel drive system*
2WD = Two-wheel drive
Power to rear axle only, 4X4 indicator lights off

4x4 HIGH = Four-wheel drive

Power to front and rear axles at normal speed, 4X4 light on

4x4 LOW = Four-wheel drive (low range)

Power to front and rear axles at reduced speed, 4X4 LOW light on

To shift from 2WD to 4X4 HIGH: Rotate switch from 2WD to 4x4 HIGH

To shift from 4X4 HIGH to 2WD: Rotate switch from 4x4 HIGH to 2WD

Tip: You do not need to shift into reverse to disengage front hubs

To shift into/out of 4X4 LOW: Stop vehicle, depress brake, place automatic transmission in neutral (with manual transmission, depress clutch pedal); rotate switch to desired setting

Tip: Pulsation may occur during cornering in 4X4 mode

*Denotes optional equipment

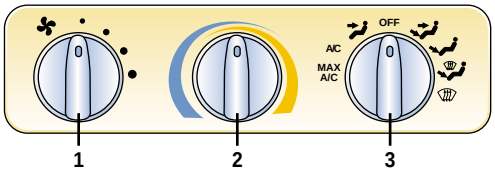
CLIMATE CONTROL

1. Fan control
To increase speed and flow: Rotate knob clockwise

2. Temperature selection
Cooler/warmer = rotate knob counterclockwise/ clockwise

3. Air flow selections

- = air to dash
- OFF = system off, no air flow
- = air to dash and floor
- = air to floor
- = air to floor and windshield
- = defrost, air to windshield



Air conditioning system*
MAX A/C = cooling with inside air, air to dash only
A/C = cooling with outside air, air to dash only

Control positions for maximum defrost
Fan to maximum, temperature to maximum hot, air flow selector knob to

Tips: To prevent moisture buildup, never drive with system off

When , or selected, air is dried when temperature is above 50° F

Break-in period
First 1,000 miles: Avoid heavy repeated brake use; avoid full throttle, rapid acceleration or kick-down of transmission; drive at varying road and engine speeds

Do not tow a trailer for first 500 miles

Do not use special "break-in" oils

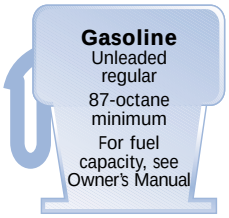
Tip: Follow the same break-in period procedures with newly overhauled engine or when brakes are replaced

4-wheel Anti-lock Braking System (ABS)
ABS automatically reduces hydraulic pressure to all four wheels (4-wheel ABS) on the verge of locking up

You may feel a slight pulsing of the brake pedal and hear a clicking noise, this tells you the ABS is functioning properly, increase pressure on pedal for maximum braking

Tips: Maintain constant pressure on the brake pedal Do not pump the brakes

ABS self test
A self-diagnostic test is performed when the engine is started; you may feel some pulsation and hear some noise; this is normal



Tire economy and tips
Check pressure monthly when tires are cold
Check for unusual wear and overall condition, do not exceed weight limit on tires and axles
Maintain correct front-end alignment and tire balance; see Owner's Manual for rotation chart

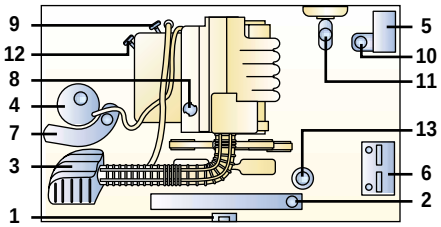
Tire pressure
Decal on the edge of the driver's door provides tire size and pressure information

Tire chains*†
Tire chains can damage aluminum wheels; use on steel wheels only

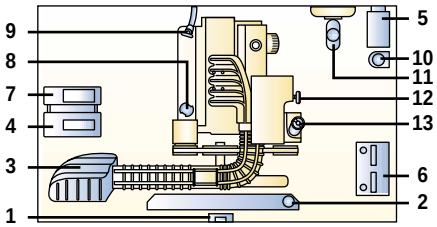
Tips: Use only SAE class "S" chains, install only on rear tires; install as tightly as possible and retighten periodically Never exceed 30 mph with tire chains

*Denotes optional equipment
†See Owner's Manual

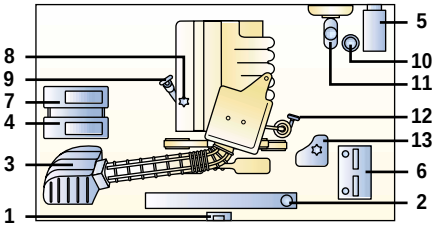
UNDER HOOD



2.3-Liter Engine



3.0-Liter Engine



4.0-Liter Engine

1. **Hood latch**
   Pull inside hood release handle, hood pops up slightly; while applying upward pressure on hood, lift auxiliary latch handle and raise hood
2. **Radiator cap**
   Remove cap only when safe and engine is cool
3. **Air filter**
4. **Engine coolant reservoir**
   Level should be at fill line indicator mark; remove cap only when safe and engine is cool

   ⚠ **WARNING: Never remove coolant reserve tank cap while engine is running or hot; you could get burned**
5. **Fuse block**
6. **Battery**
7. **Windshield washer reservoir**
   Fill with windshield washer fluid, not water; use fluids containing non-methanol antifreeze agents only if they will not damage paint, wiper blades and washer system
8. **Engine oil filler cap**
   Use SAE 5W-20 (2.3L, 3.0L) 5W-30 (4.0L) oil for all temperatures; use only oils displaying American Petroleum Institute Certified for Gasoline Engines
9. **Automatic transmission fluid dipstick***
   Check with engine on at normal operating temperature; fluid should be within crosshatched area on dipstick
10. **Clutch fluid reservoir**
    With cap on, check that fluid level is at ridge in reservoir body, use DOT 3 brake fluid
11. **Brake fluid reservoir**
    Clean filler cap before removing; use only DOT 3 fluid from a sealed container
12. **Engine oil dipstick**
    Check with engine off and at normal temperature; fluid should be within cross-hatched area on dipstick: do not fill above MAX/FULL line
13. **Power steering fluid reservoir**
    Check with engine off and at normal temperature; fluid level on dipstick should be between arrows in FULL HOT range

*Denotes optional equipment